

# Notice of Allowability

Application No.

10/512,104

Examiner

Edwin A. León

Applicant(s)

JACOBS, JOHN D.

Art Unit

2833

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to After Final response of 6/1/06 and Interview Summary of 6/13/06.
2. ☒ The allowed claim(s) is/are 1-2, 7-32.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 6/13/06.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
TRUCT T. NGUYEN  
PRIMARY EXAMINER

## **DETAILED ACTION**

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Hayden Carney on June 13, 2006.

The application has been amended as follows:

On Claim 7, Line 1, change "a multi-contact" to --A multi-contact--; Lines 21-22, change "within the body, each female contact end comprising a groove a sealing element" to -- within the body,  
each female contact end comprising a groove and a sealing element--.

On Claim 32, Line 14, change "body holes" to --body holes adjacent the outer end of the body--; Lines 16-17, change "the body.

The cartridge body" to --the body;  
the cartridge body--.

***Allowable Subject Matter***

2. Claims 1, 7 and 31-32 are allowed.
3. Claims 2 and 8-10 are allowed for the reasons stated in the Office Action of January 24, 2006.
4. Claims 11-30 are allowed for the reasons stated in the Office Action of July 28, 2005.

The references fail to teach, disclose, or suggest, either alone or in combination, regarding Claim 1, the cartridge body being sized and arranged to be insertable into and securable within the first connector moiety housing in a selected relation to the housing with each cartridge contact member in conductive engagement within the housing with a respective cable conductor termination contact at one end of the cartridge contact member and with the other end of the cartridge contact member disposed adjacent the open end of the housing so as to be engaged with a corresponding external contact of the second connector moiety upon mating of the first and second moieties, regarding Claim 7, the cartridge body being sized and arranged to be insertable into and securable within the first connector moiety housing in a selected relation to the housing with each cartridge contact member in conductive engagement within the housing with a respective cable conductor termination contact at one end of the cartridge contact member and with the other end of the cartridge contact member disposed adjacent the

open end of the housing so as to be engaged with a corresponding external contact of the second connector moiety upon mating of the first and second moieties, regarding Claim 31, the cartridge body being sized and arranged to be insertable into and securable within the first connector moiety housing in a selected relation to the housing with each cartridge contact member in conductive engagement within the housing with a respective internal contact of the first moiety at one end of the cartridge contact member and with the other end of the cartridge contact member disposed adjacent the open end of the housing so as to be engaged with a corresponding external contact of the second connector moiety upon mating of the first and second moieties, regarding Claim 32, the cartridge body being insertable into and securable within the plug housing in a selected relation to the plug housing with the opposite end of each cartridge contact in conductive engagement within the plug housing with a respective cable conductor termination contact and with the outer end of the cartridge body disposed adjacent the open end of the plug housing and in combination with the rest of the limitations of the base claims.

Applicant's arguments presented in the Responses of April 27, 2006 and June 1, 2006 and in the Interview of June 13, 2006 have been fully considered and are deemed persuasive.

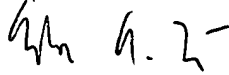
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

**Conclusion**

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Edwin A. León whose telephone number is (571) 272-2008. The examiner can normally be reached on Monday - Friday 10:00-6:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula A. Bradley can be reached on 571-272-2800, extension 33. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
Edwin A. Leon  
AU 2833

EAL  
June 25, 2006

  
TRUCT. NGUYEN  
PRIMARY EXAMINER